

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No: No		ECN #: 889		
Date: 06.12.11		ADR Date: N/A				
Job No: 00085		Created By: <i>[Signature]</i>		Checked By: <i>[Signature]</i>		
Product No: D412-664		Approved By: <i>[Signature]</i>		Approved By: N/A		
Product Name: CROSSTUBE INSTALLATION		(Proj. Manager) <i>[Signature]</i>		(Management if reqd)		
Documents Affected:						
Release:						
- D412-664-145 Rev.C -D2893 Rev.B						
- D412-664-245 Rev.C -D2940 Rev.B						
- D212-664-141 Rev.C -IIN-D212-664 Rev.D						
- D212-664-241 Rev.C -ICA-D212-664 Rev.3						
- D412-664-243 Rev.D -DSI 9376 Rev.A						
#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		CP	ASAP	07.04.26 <i>[Signature]</i>
2	Update Blue/Pink Folder/Electronic File	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
3	Update DSI Folder/Electronic File	X		KJ/CP	ASAP	07.04.27 <i>[Signature]</i>
4	Update D-Part Master Binder	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
5	Update Grey Project Binder	X		CP/KJ	ASAP	07.04.27 <i>[Signature]</i>
6	Update DEO/DSI Binder	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
7	Update Master Document List (MDL)	X		CP	ASAP	07.04.26 <i>[Signature]</i>
8	Update Document Record (DR)	X		CP	ASAP	07.04.26 <i>[Signature]</i>
9	Update Change Record Form	X		CP/KJ	ASAP	07.04.27 <i>[Signature]</i>
10	Move Electronic File	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
16	Update Access Database	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
17	Verification ARC	X		KJ/CP	ASAP	07.04.27 <i>[Signature]</i>
18	Update STC Approval List		X			
19	Update Product Development Summary	X		CP	ASAP	07.04.30 <i>[Signature]</i>
20	Create/Update COSS (Estimate/BOM)	X		JLM/EC	ASAP	07.04.30 <i>[Signature]</i>
21	Create/Update PPP's	X		KJ	ASAP	07.04.27 <i>[Signature]</i>
22	Update Paperwork Kits in Production	X		KJ	ASAP	07.05.04 <i>[Signature]</i>
23	Update Paperwork Kits in Stock	X		LL	ASAP	NONE IN STOCK <i>[Signature]</i>
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production		X			
26	Rework/Scrap Kits in Stock?		X			
27	Update Qpulse/Laminated Dwgs		X			
28	Create/Update Controlled PDF Files	X		KJ	ASAP	07.04.26 <i>[Signature]</i>
29	Create/Update FAI sheets	X		JLM/EC	ASAP	07.04.27 <i>[Signature]</i>
30	Create/Update CNC Programs	X		JLM/EC	ASAP	07.04.27 <i>[Signature]</i>
31	Create/Update Tooling	X		JLM/EC	ASAP	07.04.27 <i>[Signature]</i>
32	MPP required?		X			
33	Notify Previous Customers	X		CP	ASAP	07.04.30 <i>[Signature]</i>
34	Notify Eurocopter France		X			
35						
36						
Description / Action: see attached						

ECN Complete: *[Signature]*

Date: 07.06.30

D212-664-141: Supports now magnabonded onto xtubes. Abrasion strip replaced with rubber cushion. The fastener on the MS21920 clamps is now located on the bottom of the xtube (ref section E-E). Note the new MS21920 clamp sizes (-25). D212-664-101 now at CHG 003.

D212-664-241: Supports now magnabonded onto xtubes. Abrasion strip replaced with rubber cushion. The fastener on the MS21920 clamps is now located on the bottom of the xtube (ref section E-E). D212-664-201 now at CHG 003.

D412-664-243: Supports magnabonded onto xtubes. Now D3595 rubber cushion. Note the new clamp sizes (-30). D412-664-203 now at CHG 006.

D412-664-145: These are already in production. For Rev.C there is a slight change to the rubber cushion length. Change estimated accordingly. This is a minor change, xtubes already assembled don't have to be changed. Note the new MS21920 clamp sizes (-25). D412-664-105, new kit at CHG 001.

D412-664-245: These are already in production. For Rev.C there is a slight change to the rubber cushion length. Change estimated accordingly. This is a minor change, xtubes already assembled don't have to be changed. Note the new MS21920 clamp sizes (-30). The cuff is now installed with -7 rivets instead of -6. D412-664-205, new kit at CHG 001.

D212-664-101A/-201A now at CHG 002
D412-664-203A now at CHG 004

D2893-1, support is now primed on bottom for magnabonding

D2940-1, support is now primed on bottom for magnabonding

* Existing D212-664-101 / D212-664-201 / D412-664-203 in stock/production do not have to be updated with new paperwork. Only production made to the latest change number needs the new paperwork (IIN/ICA/DSI)

Any D412-664-105/-205 in stock/production need the paperwork added.

Note that other parts related to the new xtubes (D2896, D3189, D3606, D6019) were released on ECN #946.

Go ahead.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: Thursday, April 12, 2007 12:15 PM
To: David Shepherd (David Shepherd)
Cc: 'S Shahbazian'
Subject: D2896

David,

Similarly, can I also have permission to stamp released the

- D2893 Rev.B
- D2896 Rev.B
- D2940 Rev.B
- D212-664-141 Rev.C
- D212-664-241 Rev.C
- D412-664-243 Rev.D

You've approved all those dwgs.

-Chris

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: April 12, 2007 1:58 PM
To: David Shepherd (David Shepherd)
Cc: 'S Shahbazian'
Subject: D3606

David,

Can you give me permission to stamp released the D3606 Rev.A dwg (the cuff for the 412CF). You've already approved the dwg, but there's no release stamp.

-Chris

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

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No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

26/04/2007

